

The Duwamish Vision

Visioning the Future:
Engaging Diverse Communities in creating a Community
Vision for the Future of the
Lower Duwamish Superfund Site

August 18, 2009 – EPA Community Involvement Conference

The logo for the Duwamish River Cleanup Coalition is a light blue square with a white border. Inside the square, the words "DUWAMISH", "RIVER", "CLEANUP", and "COALITION" are stacked vertically in white, sans-serif, uppercase letters. The word "RIVER" is the largest and most prominent.

DUWAMISH
RIVER
CLEANUP
COALITION



A vision without a plan
is just a **Dream**,
A plan without a vision
is just **Drudgery**,
But a vision with a plan
can change the **World**





BY LAUREY LANGRISH
P. J. Langrish

...und site
...of Seaside, historically one of the
...major industries in the County."

The river has been the driver for one of the most rapidly industrializing areas in the world, for

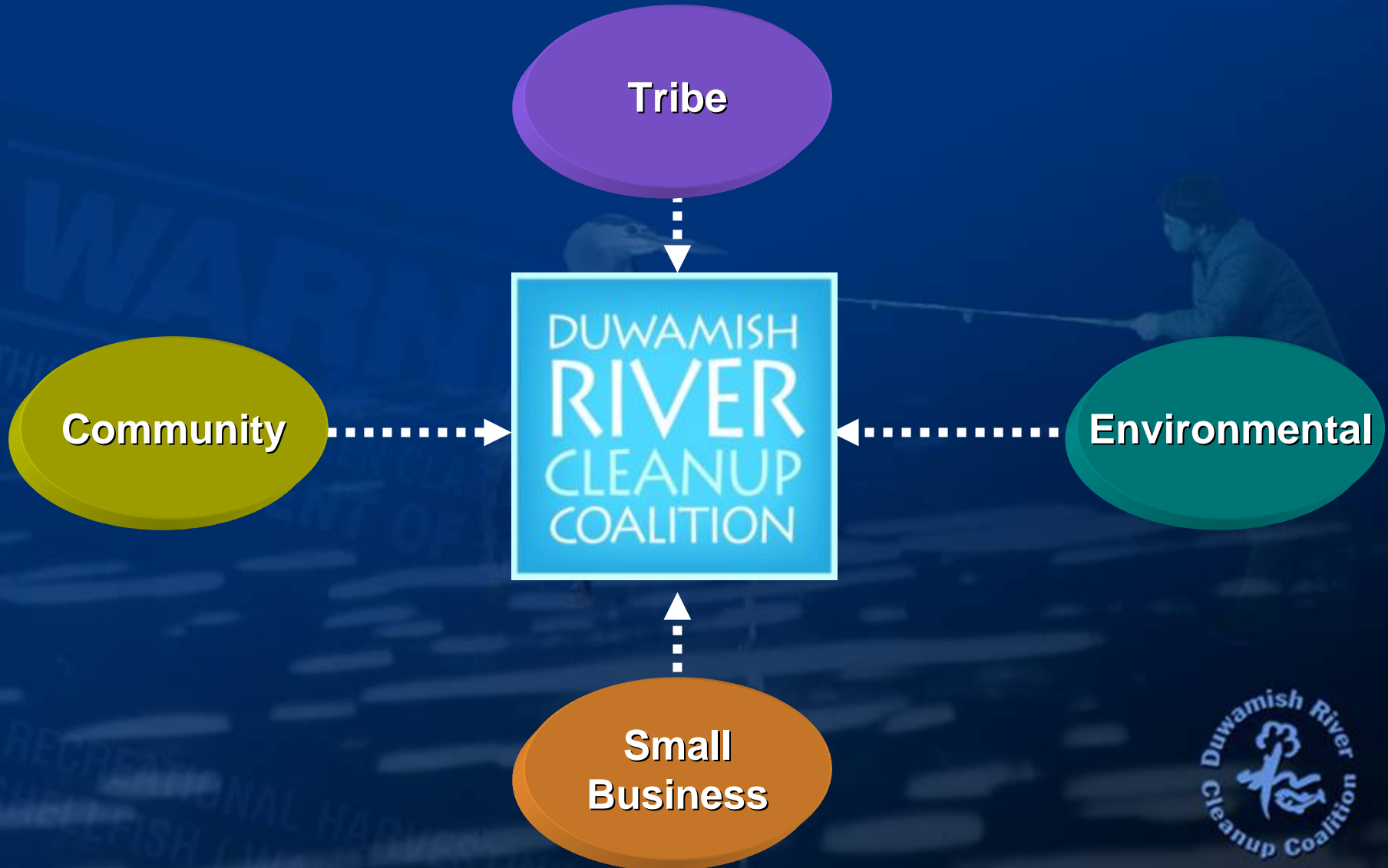
PCMs, "volatile organic compounds and heavy metals. Some have been washed out by the action of a few billion strong bacteria, but officials said the layers could go even deeper.

SUPPLEMENT

A map of the Seattle area, including the city of Seattle and surrounding regions like Tacoma and Everett. A line is drawn through the map, indicating the proposed rail route. The map is titled "SEATTLE AND SITE" and includes labels for "SEATTLE", "TACOMA", and "EVERETT".

DUWAMISH
RIVER
CLEANUP
COALITION

DRCC member organizations



Mount Rainier

Duwamish River



Harbor Island

Downtown Seattle

Elliott Bay

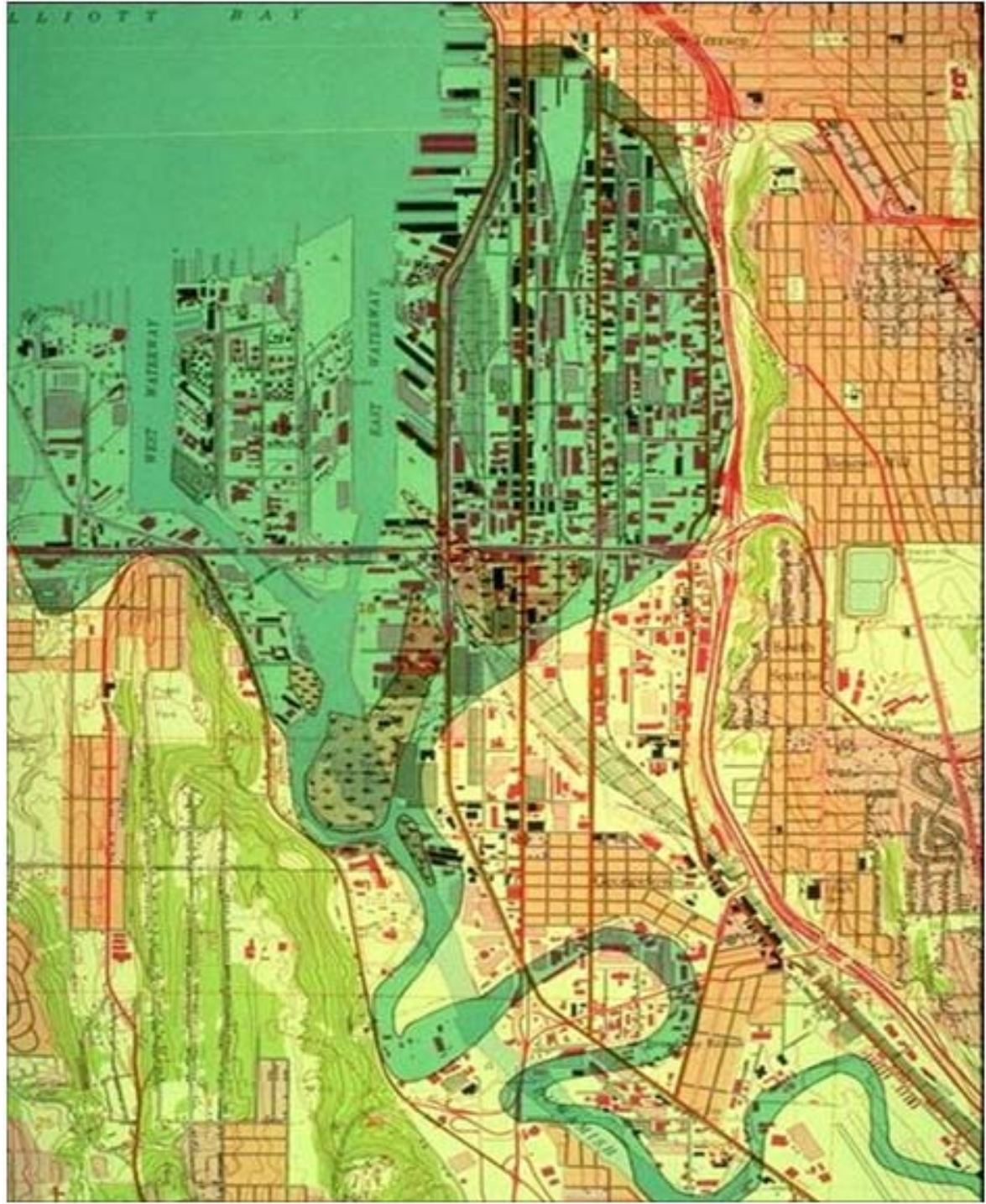




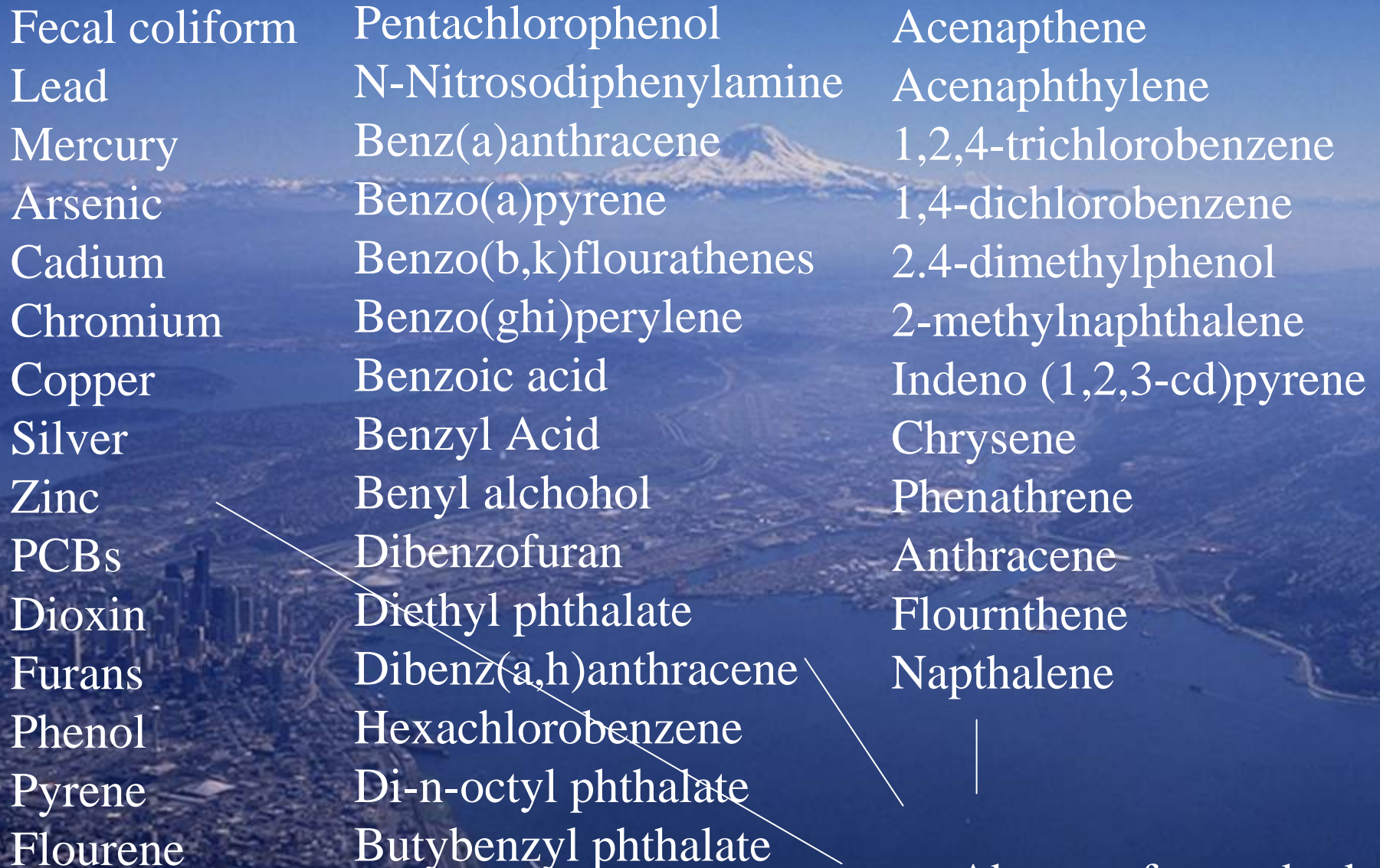


Duwamish River delta

then and
now



Pollutants Above Standards In the Duwamish



Fecal coliform	Pentachlorophenol	Acenaphthene
Lead	N-Nitrosodiphenylamine	Acenaphthylene
Mercury	Benz(a)anthracene	1,2,4-trichlorobenzene
Arsenic	Benzo(a)pyrene	1,4-dichlorobenzene
Cadium	Benzo(b,k)flourathenes	2.4-dimethylphenol
Chromium	Benzo(ghi)perylene	2-methylnaphthalene
Copper	Benzoic acid	Indeno (1,2,3-cd)pyrene
Silver	Benzyl Acid	Chrysene
Zinc	Benyl alchohol	Phenathrene
PCBs	Dibenzofuran	Anthracene
Dioxin	Diethyl phthalate	Flournthene
Furans	Dibenz(a,h)anthracene	Napthalene
Phenol	Hexachlorobenzene	
Pyrene	Di-n-octyl phthalate	
Flourene	Butybenzyl phthalate	

Above safe standards



Reversing 100 Years of Pollution

Health Advisories

Do not eat any crab or resident fish from the Duwamish River

Limit consumption of Puget Sound/Duwamish Chinook to one meal per week

Do not **swim** near a sewer/stormwater outfall within 3 days of rain

SEATTLE'S 7 Early Action Cleanup Areas



How does the Duwamish Vision relate to EPA's Superfund river sediment cleanup process?



How does the Duwamish Vision relate to EPA's Superfund river sediment cleanup process?

The community-based Duwamish Vision involves diverse stakeholders voicing their ideas of the post-cleanup Duwamish, ahead of the final EPA-led cleanup planning process.

It will be used by community stakeholders as a 'yardstick' by which to measure the final cleanup plans.

PROJECT TIMELINE AND INVOLVED COMMUNITIES

DRCC CONDUCTED VISIONING WORKSHOPS/INTERVIEWS - 2008

Neighborhoods: South Park, Georgetown, Delridge, High Point

- English, Spanish, Vietnamese, Cambodian
- Residents, Industry/Business, Workers, Recreational Users, Youth, Fishermen, Homeless/Transient populations

COMPILED & INTEGRATED EXISTING WATERSHED PLANS

- Neighborhood Plans, Master Bike Plan, Transit & Freight Mobility, Habitat, Industrial Preservation, and more

CONSOLIDATED AND DIGITIZED BY TOPIC AREA

FINAL VISION RELEASE TO PUBLIC, ELECTED OFFICIALS IN FEBRUARY 2009

DUWAMISH VISION – NEXT STEPS, hosted roundtable working group in June 2009, will host ongoing working

Duwamish Vision Workshops

South Park teens



Visioning Workshops

Cambodian community boat tour



Visioning Workshops

Residents & Workers



Visioning Workshops

River Users and Homeless

Environmental
Justice Issue:

Lack of thorough
study of river users
= marginalization of
people living along
river





The Community's future vision of the Duwamish Valley includes:

- Restoring habitat along at least 30% of the river and daylighting its tributary creeks**
- Reducing contamination levels enough to allow recreational, tribal and subsistence fishing**
- Preserving existing industrial zoning and developing a national center of 'green industry'**
- Providing incentives to build affordable housing and prevent gentrification after cleanup**
- Developing alternative modes of transportation, including water taxis and above grade gondolas, to connect Duwamish Valley neighborhoods across the river.**





Community & Housing

Duwamish Valley Vision map: Community Amenities

Envisioned Assets

- Green building accessible
- Public swimming pool
- Resident bus & shelter nearest area
- High school
- Playground
- Arts center
- Skating rink
- Shopping access / recreation
- Ghetto art wall
- Elder art
- Public art
- Restaurants
- Cinema
- Museum
- Outdoor stage
- Park & Road
- Theater
- School / Education center
- Community center
- Bookstore
- Live-work space opportunities
- Urban village
- Affordable housing preservation
- Hospital services center (dentist, doctors, etc.)

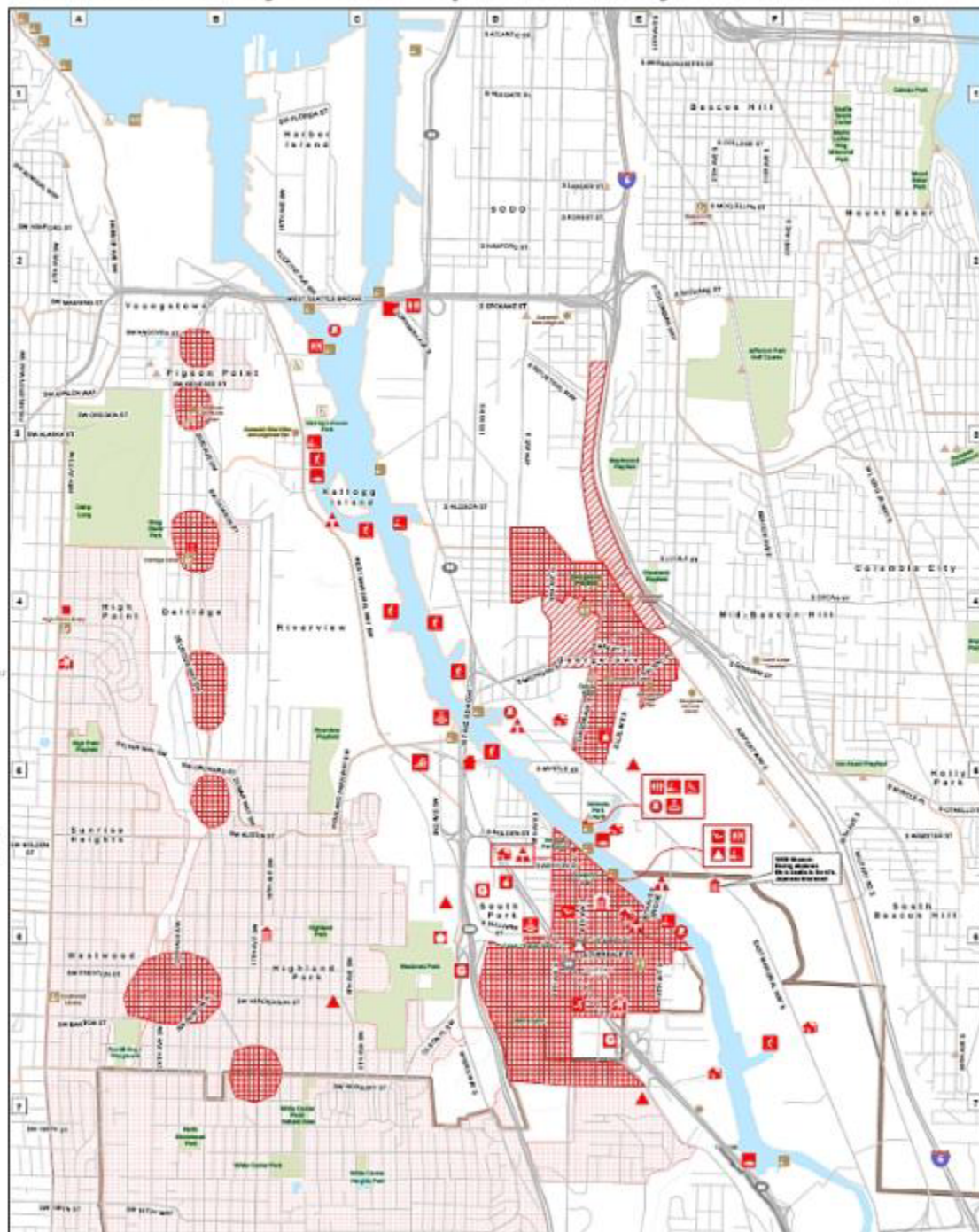
Existing Assets

-  Hand launch
-  Fastforward
-  Cultural / historical site
-  Public art site
-  Library
-  Wholesale access

Legend notes

Some of the patterns refer to composite information, including:

- 'Education center'** = Thakole Kiosk
environmental learning center
- 'Urban Village'** = Wakadit,
dense mixture of residential,
light industrial, commercial
and recreational properties with
affordable housing and
developed amenities
- 'Human services'** = Concentration
of public facilities, food availability,
laundry resources, social services



Community and Housing Highlights

Affordable housing / Preserve and enhance

Urban village: walkable communities

Recreation and arts & entertainment

Access to healthy food

Decrease crime

Multi-lingual signs and services

Clean up trash / take care of parks






Duwamish Valley Vision Map: Environmental Features

Envisioned Assets

-  Controlled C&Gs
no more than 1 overline per year
-  Drop cap
-  Gymnast desk
-  Street trees
-  Public Use Street End
-  Daylight access
-  Green Street
-  Farm
-  Minimum 33% shoreline riparian vegetation
-  Preserve / enhance open space
-  Park
-  Greenest connection
-  Habitat restoration

Existing Assets

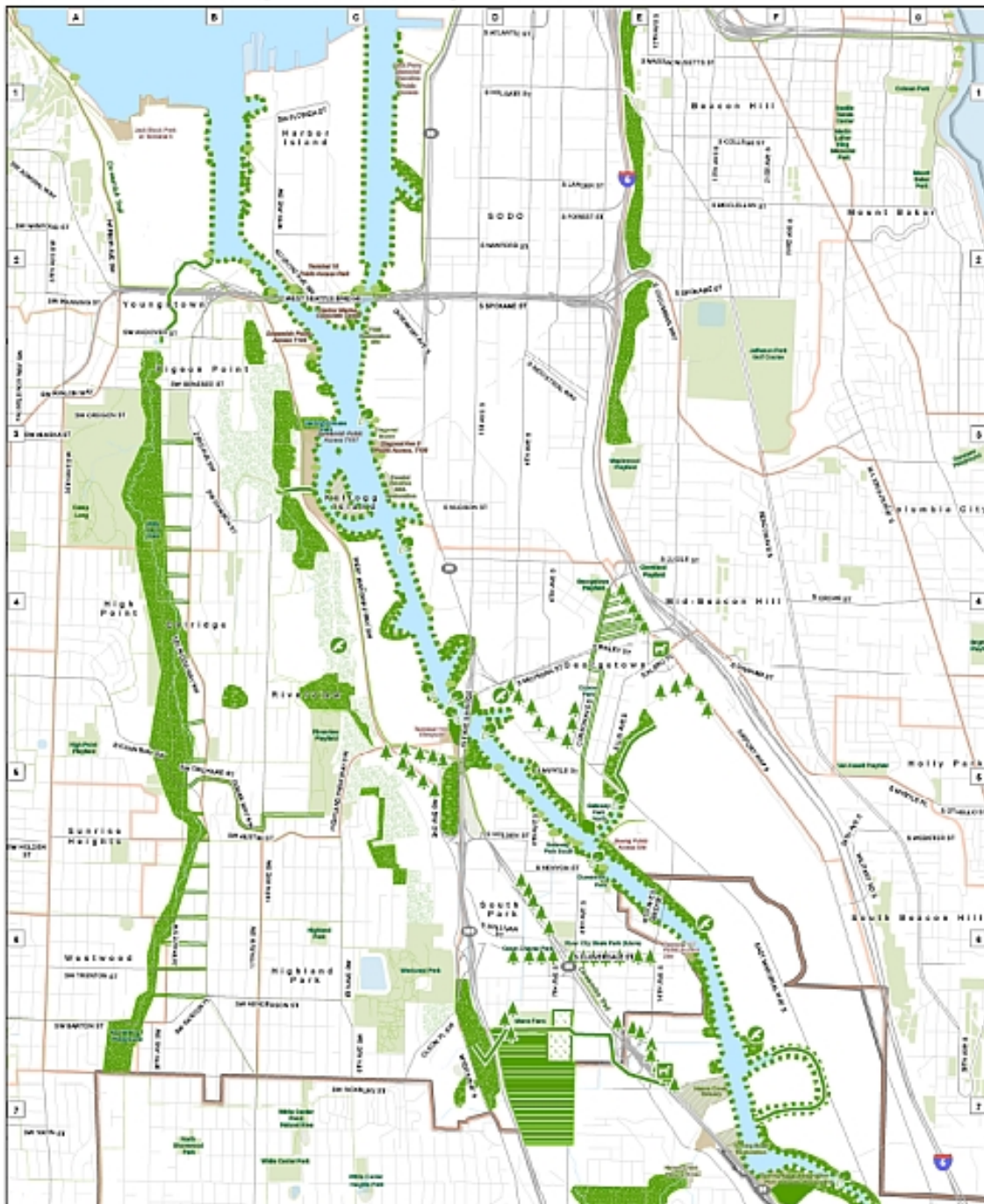
- Shortline trail/bike path
 Greenbelt
 Path

Legend notes

This system refers to composite information.



"Wetland restoration" = Variety of intertidal and shoreline restoration projects



Environmental Features

Improve water quality

Thorough sediment Superfund cleanup:
protective of human health and food chain

Increase parks and recreation opportunities

Decrease noise pollution

Increase public river access

Increase alternative energy

Enforce existing environmental laws



Economic Development



Duwamish Valley Vision map: Economic Development

Envisioned Assets

- Tidal power generation
- Solar panel plant
- Bike shop
- Grocery store
- Flea market
- Restaurant
- Boat rental
- Solar panel array
- Mixed use
- Farmer's market
- Small retail
- Basic services
- "Green" industry
- Industrial preservation zone

Existing Assets

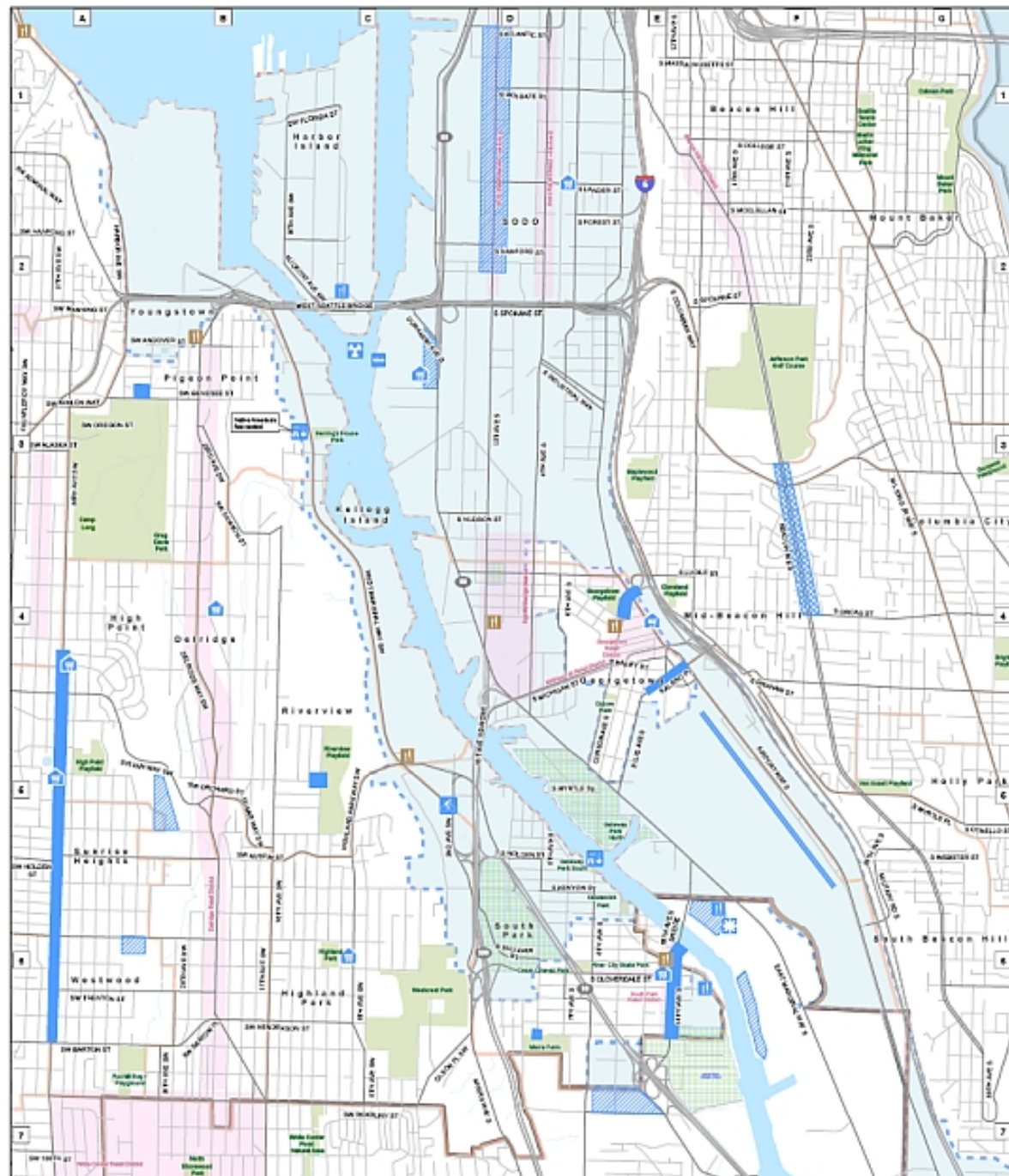
- Restaurant
- Retail district

Legend notes

Some of the patterns refer to composite information, including:

"Basic services" = No more than 1/2 mile to grocery stores, schools and parks

"Mixed use" = Various kinds of commercial and residential opportunities



Economic Development

Industrial preservation

“green” industry and increased jobs

Music and art as economic engine

Expand mixed use and small retail businesses

Viable fishery

Micro-lending for startup businesses

“Time bank” for barter/trade/resources



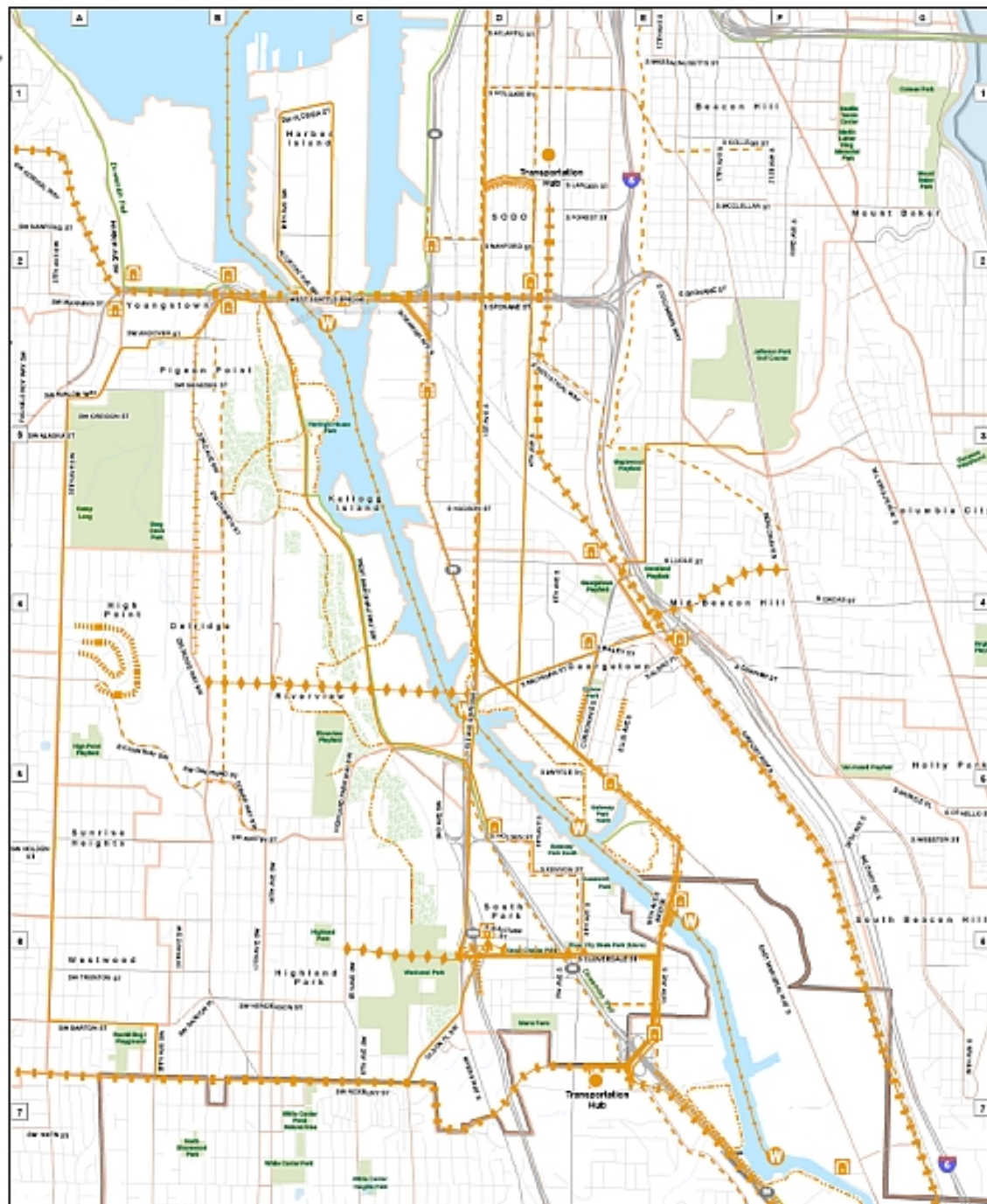


Transportation
& Connectivity

Duwamish Valley Vision map: Transportation

Envisioned Assets

- Water facility
- Community storage and entry
- Improved sidewalk
- Water trail
- Traffic calming measures
- Bridge
- Pedestrian bridge/overpass
- Light rail
- Bus service
- Gondola
- Bike trail / lane
- Walking trail
- Bus route (parking)



Transportation / Connectivity

South Park Bridge (16th Avenue)
replacement

Freight mobility

Increase public transit

Water taxis along river and Gondola/people-movers over hills

Safer-direct pedestrian routes

Safer-direct bike routes

Fix potholes and add speed bumps



Projects – partnerships – policies

Convene stakeholder working groups towards implementation of projects within the Duwamish Valley Vision.

Identify existing neighborhood projects in the Vision.

Collaborate with community, agency and NGO partners to connect the Vision to the EPA River Cleanup planning process, as it unfolds.



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Duwamish Valley Vision Map



The DRCC works to organize
not just *reactive* public involvement, but
proactive **Community
Leadership** in river
cleanup & restoration
= sustainable solutions

DUWAMISH RIVER CLEANUP COALITION

1620 18th Avenue, Suite #10
Seattle, WA 98122

206-954-0218

contact@duwamishcleanup.org

www.duwamishcleanup.org

